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SOLUTION: When inputting the constraint value and priority of a plurality of simulation to be executed from a simulation constraint value and primarily inputting device 2, a circuit component arrangement supporting device 4 of an arrangement and wiring CAD 3 automatically extracts necessary information from a component information library 7 in which circuit component information, a simulation model and substitute component information are unitarily managed, and executes simulation, and displays an arrangeable area calculated from the simulation result at an arrangeable area display part. Thus, it is possible to search the optimal component arrangement area.

